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ABSTRACT

Said method and corresponding device operate on a rotor, on which a substance, emitting quanta of light, is arranged at least one point, a radiation source, by means of which radiation may be emitted onto the rotating vane and the substance arranged thereon, a sensor, by means of which the light quanta emitted by the substance may be detected and an analytical circuit, by means of which the signal from the sensor may be analyzed to determine the vibrational behavior of the vane.